NASA THESAURUS SUPPLEMENT

JULY 1984

A three part cumulative supplement to the 1982 edition of the NASA Thesaurus
This document is available from the National Technical Information Service (NTIS), Springfield, Virginia 22161.
INTRODUCTION

The NASA Thesaurus Supplement replaces the former 6-Month Cumulative Listing of the NASA Thesaurus Changes. This cumulative supplement to the NASA Thesaurus 1982 edition, incorporates all of the information normally contained in the previous publication as well as two new features: complete hierarchies and access vocabulary. It is hoped that the additional information and the improved legibility will make this a more useful product than its predecessor. Subsequent issues of the supplement will be cumulative and will be issued every six months. For detailed information on the use of the NASA Thesaurus Supplement, consult the front matter of the NASA Thesaurus 1982 edition.

Users are encouraged to consult the online NASA Thesaurus for the most complete and up-to-date information. Addenda to old hierarchies in the 1982 edition of the NASA Thesaurus are not given because they are readily found in the online NASA Thesaurus. Inclusion of such a feature would have substantially increased the size of the publication. In using the hierarchies in the online NASA Thesaurus, users are cautioned that these hierarchies list broad and narrow terms and not their interrelationships. The online NASA Thesaurus does not show the exact relationship when there are more than three broad and/or narrow terms.

New terms to this issue are indicated with a bullet and larger type. Designed for browsability, each new term appears in the format of the following example:

• Earthnet

Many times cross references are later made postable terms. These are shown in Part 3. When new cross references are added to older terms, the term that is referred to is not listed unless it is also a new term. For older terms check the printed or the online NASA Thesaurus.

Many Comments or suggestions about this publication, including suggestions for new terms, should be directed to the Lexicographer, NASA Scientific and Technical Information Facility, P.O. Box 8757, BWI Airport, Maryland 21240.
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PART 3
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PART 1

Hierarchical Listing

A

A-310 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. EUROPEAN AIRBUS
. A-310 AIRCRAFT
JET AIRCRAFT
. EUROPEAN AIRBUS
. A-310 AIRCRAFT
PASSenger AIRCRAFT
. EUROPEAN AIRBUS
. A-310 AIRCRAFT
TRANSPORT AIRCRAFT
. SHORT HAUL AIRCRAFT
. EUROPEAN AIRBUS
. A-310 AIRCRAFT

RT INTERNATIONAL COOPeraTION
SWEPT WINGS

A-320 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. EUROPEAN AIRBUS
. A-320 AIRCRAFT
JET AIRCRAFT
. EUROPEAN AIRBUS
. A-320 AIRCRAFT
PASSenger AIRCRAFT
. EUROPEAN AIRBUS
. A-320 AIRCRAFT
TRANSPORT AIRCRAFT
. SHORT HAUL AIRCRAFT
. EUROPEAN AIRBUS
. A-320 AIRCRAFT

RT INTERNATIONAL COOPeraTION
SWEPT WINGS

ACCOUNTING
RT BUDGETING
COSTS
FINANCE

ACCRETION DISKS
RT ASTROPHYSICS
BINARY STARS
BLACK HOLES (ASTRONOMY)
DISKS (SHAPES)
ECLIPSING BINARY STARS
GALACTIC NUCLEI
ROTATING DISKS
STELLAR MASS ACCRETION

ACEE PROGRAM
UF AIRCRAFT ENERGY EFFICiENCY
PROJECT
. ENERGY EFFICIENCY TRANSPORT
PROGRAM
GS PROGRAMS
. NASA PROGRAMS
. ACEE PROGRAM
RT AIRCRAFT ENGINES
COMBUSTION EFFICIENCY

ADA (PROGRAMMING LANGUAGE)
GS LANGUAGES
. ADA (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING
EMBEDDED COMPUTER SYSTEMS

AERODRONE
RT AERECAPTURE
AEROCAUTION
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AEROCAPTURE
RT AERODRONE
AEROCAUTION
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AEROELASTIC RESEARCH WINGS
GS AIRFOILS
. WINGS
. AEROELASTIC RESEARCH WINGS
STRUCTURAL DESIGN
. AEROELASTIC RESEARCH WINGS

RT AIRCRAFT DESIGN

AEROMAGNETISM
RT AERECAPTURE
AEROCAUTION
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AGROPHYSICAL UNITS
RT AERECAPTURE
AEROCAUTION
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

ANIK SATELLITES
GS CANADIAN SPACECRAFT
. ANIK SATELLITES
. ANIK 1
. ANIK 2
. ANIK 3
SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. ANIK SATELLITES
. ANIK 1
. ANIK 2
. ANIK 3
. EARTH SATELLITES
. SYNCHRONOUS SATELLITES
. ANIK SATELLITES
. ANIK 1
. ANIK 2
. ANIK 3
RT CANADIAN SPACE PROGRAMS
DELTA LAUNCH VEHICLE
INTERNATIONAL COOPeraTION

ANTISTATIC DEVICES
USE STATIC DISCHARGERS

APL (PROGRAMMING LANGUAGE)
GS LANGUAGES
. APL (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING

ARABSAT
GS SATELLITES
. ARTIFICIAL SATELLITES
. ARABSAT
. EARTH SATELLITES
. ARABSAT
RT INTERNATIONAL COOPeraTION

ARC CLOUDS
GS CLOUDS
. CLOUDS (METEOROLOGY)
. CONVECTION CLOUDS
. CUMULONIMBUS CLOUDS
. ARC CLOUDS
RT METEOROLOGY
OBSERVATION AIRCRAFT
SATellite OBSERVATION

ARIES SOUNDING ROCKET
GS ROCKET VEHICLES
. SOUNDING ROCKETS
. ARIES SOUNDING ROCKET

ASTRONOMICAL SATELLITES
GS OBSERVATORIES
. ASTRONOMICAL OBSERVATORIES
. ASTRONOMICAL SATELLITES
. HEAO
. HEAO 1
. HEAO 2
. HEAO 3
. OAO
. OAO 1
. OAO 2
. OAO 3
. OSO
. OSO 0
. OSO 1
. OSO 2
. OSO 3
. OSO 4
. OSO 5
. OSO 6
. OSO 7
. OSO 8
SATELLITES

NEW TERM
ASYMPTOTIC PROPERTIES

• AUDIO SIGNALS
  • AUDIO DATA
  • AUTOMATED TRANSIT VEHICLES
  • ATMOSPHERIC LOADING
  • ATMOSPHERIC CORRECTION
  • ASTRONOMICAL SATELLITES
  • BIOFEEDBACK
  • BETA INTERACTIONS
  • BURN-IN
  • BUSINESS MANAGEMENT
  • CAD (DESIGN)
  • CAM (MANUFACTURING)
  • CAMBODIA

ASYMPTOTIC PROPERTIES (CONT.)

AUTUMN (CONT.)
  • SUMMER
  • WINTER

AWARDS
  • SN (EXCLUDES CONTACTS & GRANTS)
  • RT ASTRONOMISTS
  • SCIENTISTS

BACKWARD DIFFERENCING
  • RT DIFFERENTIAL EQUATIONS
  • NUMERICAL STABILITY
  • PROBLEM SOLVING

BACKWARD FACING STEPS
  • UF REARWARD FACING STEPS
  • RT FLOW GEOMETRY
  • FLUID BOUNDARIES
  • REATTACHED FLOW
  • RECIRCULATIVE FLOW
  • STAR STEPS
  • STEPS

BANDSTOP FILTERS
  • GS ELECTROMAGNETIC WAVE FILTERS
  • GS ELECTRIC FILTERS
  • GS BANDSTOP FILTERS
  • GS BANDPASS FILTERS
  • GS BANDWIDTH
  • GS CRYSTAL FILTERS
  • GS HIGH PASS FILTERS
  • GS LOW PASS FILTERS
  • GS MICROWAVE FILTERS
  • GS OPTICAL FILTERS
  • GS TRACKING FILTERS
  • GS WAVEGUIDE FILTERS

BARYON RESONANCE
  • GS PARTICLES
  • GS ELEMENTARY PARTICLES
  • GS PARTONS
  • GS BARYON RESONANCE
  • GS BARYON RESONANCE
  • GS BARYONS
  • GS HYPERONS

BETA INTERACTIONS
  • USE WEAK INTERACTIONS (FIELD THEORY)

BIOFEEDBACK
  • RT AEROSPACE MEDICINE
  • BIOCONTROL SYSTEMS
  • BLOOD PRESSURE
  • CONDITIONING (LEARNING)

BRAZILIAN SPACE PROGRAM
  • GS SPACE PROGRAMS
  • GS BRAZILIAN SPACE PROGRAM
  • GS BAHAMAS

BRAINSTEM (NEUROLOGY)

BRAINSTEM (NEUROLOGY)

BRAINSTEM (NEUROLOGY)

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NASA THESAURUS SUPPLEMENT (PART 1)

CIRCULATION DISTRIBUTION
RT ATMOSPHERIC CIRCULATION
CIRCULATION DISTRIBUTION
RT VELOCITY DISTRIBUTION

CLUSTER ANALYSIS
RT CLASSIFICATIONS
IMAGE ANALYSIS
IMAGE PROCESSING
PATTERN RECOGNITION
REMOTE SENSING

COMMAND LANGUAGES
GS LANGUAGES
COMMAND LANGUAGES
QUERY LANGUAGES
RT INFORMATION RETRIEVAL

• COMMERCIAL SPACECRAFT
GS COMMERCIAL SPACECRAFT
RT RCA SATCOM SATELLITES
COMMUNICATIONS
COMMUNICATIONS SATELLITES
COMMERCE
COMMUNICATIONS SATELLITES
INDUSTRIES
SPACE COMMERCIALIZATION
SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING

• COMMONALITY
GS STANDARDIZATION
COMMONALITY
RT AIRCRAFT EQUIPMENT
COMMONALITY

COMPUTERS
RT AC GENERATORS
COMPENSATORS
ELECTRIC POWER SUPPLIES
PULSE GENERATORS

COMPUTATIONAL CHEMISTRY
GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
COMPUTATIONAL CHEMISTRY
PHYSICAL CHEMISTRY
TESTS

COMPUTATIONAL GRIDS
UF GRIDS (MATHEMATICS)
MESH (MATHEMATICS)
RT COORDINATES
MATHEMATICAL MODELS
NUMERICAL ANALYSIS
PROBLEM SOLVING

COMPUTER AIDED DESIGN
UF CAD (DESIGN)
COMPUTERIZED DESIGN
RT COMPUTER AIDED DESIGN
IPAD

COMPUTER AIDED MANUFACTURING
UF CAM (MANUFACTURING)
GS MANUFACTURING

CONTROLLED SYSTEMS DESIGN
RT COMPUTER AIDED MANUFACTURING
COMPUTER GRAPHICS
COMPUTER TOOLS
COMPUTERIZED SIMULATION
ROBOTICS

• CONCURRENT PROCESSING
GS DATA PROCESSING
RT ABSORBERS (EQUIPMENT)
ARCHITECTURE (COMPUTERS)
MULTIPROCESSING (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)

CONDENSATION NUCLEI
GS CONDENSATION NUCLEI
RT AEROSOLS
CONDENSATION
DROPS (LIQUIDS)
ICICLE
METEOROLOGY
MICROPARTICLES
NUCLEATION
RAIN

CONDENSERS (LIQUEFIERS)
UF CONDENSER RADIATORS
GS CONDENSERS (LIQUEFIERS)
RT JET CONDENSERS

CONJUGATE GRADIENT METHOD
GS ANALYSIS (MATHEMATICS)
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RT ALGORITHMS
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RT CONTINUOUS MECHANICS
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USE CONTINENTAL SHELVES

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GS SYSTEMS ENGINEERING

CARRINGTON ROTATION
USE SOLAR ROTATION

• CATACLYSMIC VARIABLES
GS CELESTIAL BODIES
BINARY STARS
CATACLYSMIC VARIABLES
STELLAR FLARES
WHITE DWARF STARS

CATACLYSMIC VARIABLES
RT DWARF STARS
ECLIPSING BINARY STARS
FLARE STARS
HOT STARS
NOVAE
PERIODIC VARIATIONS
SOLAR OSCILLATIONS

CAYMON
RT ELECTRIC FIELDS
PLASMA DENSITY
PLASMA PHYSICS
PLASMA RESONANCE

CD A200 205 COMPUTER
GS DATA PROCESSING EQUIPMENT
COMPUTERS
CD A200 205 COMPUTER
CD A200 205 COMPUTER

CERAMIC MATRIX COMPOSITES
GS CERAMICS
CERAMIC MATRIX COMPOSITES
COMPOSITE MATERIALS
CERAMIC MATRIX COMPOSITES

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• CONTROLLED SYSTEMS DESIGN
GS SYSTEMS ENGINEERING
COOLANT LOSS

USE COOLANT LOSS

CYCLIC AMP

USE CYCLIC AMP

CYCLIC ADENOSINE MONOPHOSPHATE

USE CYCLIC AMP

COSMOS 954 SATELLITE

GS SATELLITES

RT UNCONTROLLED RENTRY (SPACECRAFT)

COSPAS

GS SATELLITES

RT RECONNAISSANCE RESCUE OPERATIONS SARSAT SEARCHING

CRACK ARREST

RT CRACK INITIATION CRACK PROPAGATION CRACK TIPS CRACKING (FRACTURING)

CRACK TIPS

GS CRACKS

RT CRACK INITIATION CRACK PROPAGATION

CRANK-NICHOLSON METHOD

RT BOUNDARY VALUE PROBLEMS DIFFERENTIAL EQUATIONS FINITE DIFFERENCE THEORY FINITE ELEMENT METHOD NUMERICAL ANALYSIS

CRANKED WINGS

USE SWEPT WINGS

CRAY COMPUTERS

GS SUPERCOMPUTERS CRAY COMPUTERS

CYCLIC ADENOSINE MONOPHOSPHATE

USE CYCLIC AMP

COSPAS

GS HETEROCYCLIC COMPOUNDS

RT ADENOSINES CYCLIC AMP ORGANIC COMPOUNDS CYCLIC COMPOUNDS CYCLIC AMP NUCLEOTIDES ADENOSINES CYCLIC AMP PHOSPHORUS COMPOUNDS PHOSPHATES NUCLEOTIDES ADENOSINES CYCLIC AMP PROTEINS NUCLEOTIDES ADENOSINES CYCLIC AMP

CYLINDRICAL COORDINATES

USE CARTESIAN COORDINATES

D

DAHOMEOY

USE BENIN

DAMA

USE DEMAND ASSIGNMENT MULTIPLE ACCESS

DAST PROGRAM

UF DRONES FOR AERODYNAMIC AND STRUCTURE TEST RT AEROElastICITY AIRCRAFT CONTROL AIRCRAFT DESIGN DRONE AIRCRAFT FLIGHT TESTS FLUTTER REMOTELY PILOTED VEHICLES VIBRATION DAMPING

DATA FLOW ANALYSIS

RT COMPUTER PROGRAMS RT COMPUTER SYSTEMS PROGRAMS FLOW CHARTS NETWORK ANALYSIS SEQUENTIAL CONTROL

DATA INTEGRATION

RT DATA MANAGEMENT DATA SIMULATION

DATA SIMULATION

RT DATA INTEGRATION DATA MANAGEMENT

DATA STRUCTURES

GS DATA PROCESSING DATA STRUCTURES RT COMPUTER PROGRAMMING DATA BASES

DEFENSE METEOROLOGICAL SATELLITE PROGRAM

USE DMSP SATELLITES

DEMAND ASSIGNMENT MULTIPLE ACCESS

UF DAMA GS TELECOMMUNICATION . MULTIPLE ACCESS DEMAND ASSIGNMENT MULTIPLE ACCESS RT CHANNEL CAPACITY COMMUNICATION NETWORKS COMMUNICATION SATELLITES SATELLITE NETWORKS

DESERIFICATION

RT ARID LANDS BARREN LAND

NASA THESAURUS SUPPLEMENT (PART 1)

DESERIFICATION (CONT.)

DEATH VALLEY (CA)

DESSERTLINE

DESERTS DROUGHT

EARTH ENVIRONMENT

GOBI DESERT

LAND

LAND USE

MAN ENVIRONMENT INTERACTIONS

MOJAVE DESERT (CA)

OASES

REMOTE SENSING

SAHARA DESERT (AFRICA)

STEPPEs

WADIS

DESYNCHRONIZATION (BIOLOGY)

GS BIOLOGICAL EFFECTS DESYNCHRONIZATION (BIOLOGY)

DISORIENTATION

DESYNCHRONIZATION (BIOLOGY)

PSYCHOLOGICAL EFFECTS DESYNCHRONIZATION (BIOLOGY)

RT JET LAG PHYSIOLOGICAL RESPONSES RHYTHM (BIOLOGY)

DIDYMUM

RT LANTHANUM NEODYMIUM OPTICAL FILTERS PRASEODYMIUM

DIFFERENTIAL ANALYZERS

RT ALGORITHMS ANALOG COMPUTERS COMPUTERIZED SIMULATION DIFFERENTIAL EQUATIONS DIGITAL COMPUTERS DIGITAL INTEGRATORS

DILES (GEOLOGY)

USE ROCK INTRUSIONS

DINING PHILOSOPHERS PROBLEM

RT DISTRIBUTED PROCESSING INTERPROCESSOR COMMUNICATION PROBLEM SOLVING SYNCHRONISM

DIRECTION FINDING

RT BEARING (DIRECTION) RADIO DIRECTION FINDERS SIGNAL PROCESSING

DIRECTIONAL COUPLERS

RT ANTENNA COMPONENTS COUPLERS COUPLING COUPLINGS IMPEDANCE MATCHING MICROSTRIP TRANSMISSION LINES MICROWAVE COUPLINGS TRANSMISSION LINES YOKES

DIRECTORIES

RT HANDBOOKS MANUALS

DISTRIBUTED PROCESSING

GS DATA PROCESSING DISTRIBUTED PROCESSING RT ARCHITECTURE (COMPUTERS) COMPUTER NETWORKS COMPUTER SYSTEMS DESIGN DINING PHILOSOPHERS PROBLEM MICROPROCESSORS

DMSP SATELLITES

UF DEFENSE METEOROLOGICAL SATELLITE PROGRAM GS MILITARY SPACECRAFT DMSP SATELLITES PROGRAMS DEFENSE PROGRAM DMSP SATELLITES RT AIR DEFENSE EARTH SATELLITES METEOROLOGY PHOTOMAPPING PHOTORECONNAISSANCE

· New Term
NASA THESAURUS SUPPLEMENT (PART 1)

DMSP SATELLITES-(CONT.)
REMOTE SENSING
SATELLITE-BORNE PHOTOGRAPHY

DOUBLE STARS
USE BINARY STARS

DRAG COEFFICIENTS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC DRAG
HYDRODYNAMIC COEFFICIENTS

DREDGING
RT ARTIFICIAL HARBORS
MINERAL DEPOSITS
MINING
UNDERWATER RESOURCES

DRONES FOR AERODYNAMIC AND STRUCT TEST USE DAST PROGRAM

DWARF GALAXIES
GS CELESTIAL BODIES
. . . GALAXIES
. . . DWARF GALAXIES
RT LOCAL GROUP (ASTRONOMY)

EARTHNET
RT EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
ESA SATELLITES
EUROPEAN SPACE PROGRAMS
LANDSAT SATELLITES
REMOTE SENSORS
SYNTHETIC APERTURE RADAR

EASTERN HEMISPHERE
RT EARTH (PLANET)
GEOGRAPHY
WESTERN HEMISPHERE

EINSTEIN OBSERVATORY
USE HEAD 2

ELECTRIC AIRCRAFT
USE FLY BY WIRE CONTROL

ELECTRIC FURNACES
GS HEATING EQUIPMENT
. . . FURNACES
. . . ELECTRIC FURNACES
RT MATERIALS
SPACE PROCESSING

ELECTROCHROMISM
RT COLOR
DISPLAY DEVICES
ELECTRO-OPTICS
ELECTROCHEMISTRY
THIN FILMS

ELECTRODE MATERIALS
RT ANODES
ANODES
ANODIC COATINGS
CATHODES
CATHODIC COATINGS
CELL ANODES
CELLS
CATHODES
ELECTRODES
PHOTOELECTRODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOELECTROCHEMICAL DEVICES
TUBE ANODES

EMBEDDED COMPUTER SYSTEMS
GS DATA PROCESSING EQUIPMENT
. . . COMPUTERS
. . . EMBEDDED COMPUTER SYSTEMS
. . . AIRBORNE/SPACEBORNE COMPUTERS
RT ADA (PROGRAMMING LANGUAGE)

EMPIRE
USE TAIL ASSEMBLIES

ENCKE COMET
GS CELESTIAL BODIES
. . . COMETS
. . . ENCKE COMET

ENERGY EFFICIENCY TRANSPORT PROGRAM
USE ACEE PROGRAM

EURECA (ESA)
UF EUROPEAN RETRIEVABLE CARRIER
GS SPACE PLATFORMS
. . . EURECA (ESA)
RT SPACE SHUTTLES

EUROPEAN LARGE TELECOMM SATELLITE USE L-SAT
EUROPEAN RETRIEVABLE CARRIER USE EURECA (ESA)

EXERCISE
USE PHYSICAL EXERCISE

EXPERIMENT DESIGN
SN (DESIGN OF EXPERIMENTS EXCLUDES PROTOTYPES)
UF DESIGN OF EXPERIMENTS
GS EXPERIMENT DESIGN
RT COVARIANCE
DEGREES OF FREEDOM
. . . DESIGN
. . . FACTOR ANALYSIS
. . . LABORATORIES
. . . MATHEMATICAL MODELS
. . . OPERATIONS RESEARCH
ORTHOGONALITY
QUALITY CONTROL
REGRESSION ANALYSIS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING
VARIANCE (STATISTICS)

EXPERT SYSTEMS
GS INTELLIGENCE
. . . ARTIFICIAL INTELLIGENCE
. . . EXPERT SYSTEMS
RT COMPUTER PROGRAMMING
. . . LOGIC
. . . PROGRAMMING

EXPLORER 44 SATELLITE
UF SOLRAD 10 SATELLITE
GS SATELLITES
. . . ARTIFICIAL SATELLITES
. . . EXPLORER SATELLITES
. . . EXPLORER 44 SATELLITE

EXPLORER 46 SATELLITE
UF METEOROID TECHNOLOGY SATELLITE
GS SATELLITES
. . . ARTIFICIAL SATELLITES
. . . EXPLORER SATELLITES
. . . EXPLORER 46 SATELLITE

FABRIC
USE FABRICS

FAR UV SPECTROSCOPIC EXPLORER
GS SATELLITES
. . . ARTIFICIAL SATELLITES
. . . EXPLORER SATELLITES
. . . FAR UV SPECTROSCOPIC EXPLORER

FASTING
RT AEROSPACE MEDICINE
DIETS
FOOD INTAKE
HYPOXIA
FAUNA
USE ANIMALS

FEATURE EXTRACTION
USE PATTERN RECOGNITION

FEATURE IDENTIFICATION AND LOCATION
EXPER
RT EARTH OBSERVATIONS (FROM SPACE)
IMAGE PROCESSING
PATTERN RECOGNITION
REMOTE SENSING
REMOTE SENSORS
SCENE ANALYSIS
SPACE SHUTTLE PAYLOADS

FIRE RETARDANTS
USE FLAME RETARDANTS

FIRMWARE
RT COMPUTER PROGRAMMING
HARDWARE
MICROPROCESSORS
MICROPROGRAMMING

FISCHER-TROPSCH PROCESS
RT CATALYSIS
CATALYTIC ACTIVITY
REACTION KINETICS
SYNTHESIS (CHEMISTRY)
SYNTHETIC FUELS

FLAPERONS
GS AIRFOILS
. . . AILERONS
. . . FLAPERONS
. . . FLAPS (CONTROL SURFACES)
. . . FLAPERONS
. . . FLAPS (CONTROL SURFACES)
. . . FLAPERONS
RT AERODYNAMIC BRAKES

FLAVOR (PARTICLE PHYSICS)
GS THEORETICAL PHYSICS
. . . FLAVOR (PARTICLE PHYSICS)
RT HADRONS
PARTICLE INTERACTIONS
PARTICLE THEORY
QUANTUM THEORY
QUARKS

FLIGHT MANAGEMENT SYSTEMS
GS MANAGEMENT SYSTEMS
. . . FLIGHT MANAGEMENT SYSTEMS
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRBORNE/SPACEBORNE COMPUTERS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
AVIONICS
COMPUTER TECHNIQUES
FLIGHT CONTROL
GROUND BASED CONTROL
NAVIGATION AIDS
ONBOARD DATA PROCESSING
SYSTEMS ENGINEERING

FLOAT ZONES
RT CRYSTAL GROWTH
MELTS (CRYSTAL GROWTH)
SILICON
SOLAR CELLS
SPACE PROCESSING
ZONE MELTING

FLUID MANAGEMENT
RT CRYOGENIC FLUID STORAGE
CRYOGENIC FLUIDS
CRYOGENIC ROCKET PROPELLANTS
FLUID DYNAMICS
FUEL CONTROL
REDUCED GRAVITY

FLUID-SOLID INTERACTIONS
RT GAS-SOLID INTERFACES
LIQUID-SOLID INTERFACES
SURFACE REACTIONS

FORMYL IONS
GS IONS
. . . FORMYL IONS
. . . RADICALS
. . . FORMYL IONS

• New Term
NASA THESNAURUS SUPPLEMENT (PART 1)

NEUTRAL ATMOSPHERES
RT ATMOSPHERES

NEW BRUNSWICK
GS NATIONS . CANADA . NEW BRUNSWICK

NEW YORK CITY (NY)
GS CITIES . NEW YORK CITY (NY) RT NEW YORK

NEWFOUNDLAND
GS LANDFORMS . ISLANDS . NEWFOUNDLAND NATIONS . CANADA . NEWFOUNDLAND

• NITROGEN FIXATION
USE NITROGENATION

• NITROGENATION
UF NITROGEN FIXATION GS CHEMICAL REACTIONS RT LEGUMINOUS PLANTS UF NITROGENATION

NOAA E
USE NOAA 8 SATELLITE

NOAA 8 SATELLITE
UF NOAA E GS SATELLITES . ARTIFICIAL SATELLITES . METEOROLOGICAL SATELLITES . NOAA 8 SATELLITE . EARTH SATELLITES . METEOROLOGICAL SATELLITES . NOAA 8 SATELLITE RT SARSAT

• NORTH VIETNAM
USE VIETNAM

NORTHWEST TERRITORIES
GS NATIONS . CANADA . NORTHWEST TERRITORIES

NOVA COMPUTERS
GS DATA PROCESSING EQUIPMENT . COMPUTERS . DIGITAL COMPUTERS . MINICOMPUTERS . . . NOVA COMPUTERS

NOVA SATELLITES
GS SATELLITES . ARTIFICIAL SATELLITES . NAVIGATION SATELLITES . NOVA SATELLITES . EARTH SATELLITES . NAVIGATION SATELLITES . UNMANNED SPACECRAFT . NAVIGATION SATELLITES . NOVA SATELLITES RT DISCOS (SATELLITE ATTITUDE CONTROL ) TRANSIT NAVIGATION SYSTEM

NOVA SCOTIA
GS NATIONS . CANADA . NOVA SCOTIA

NOWCASTING
GS FORECASTING . WEATHER FORECASTING . NOWCASTING . METEOROLOGY . WEATHER FORECASTING . NOWCASTING

NUCLEAR MEDICINE
UF RADIATION MEDICINE GS MEDICAL SCIENCE . NUCLEAR MEDICINE

NUCLEAR MEDICINE-(CONT.)
RT RADIOLOGY RT ANTRADIATION DRUGS HEALTH PHYSICS RADIOPATHOLOGY

NUCLEAR WASTES
USE RADIOACTIVE WASTES

NUMERICAL DATA BASES
GS INFORMATION SYSTEMS . NUMERICAL DATA BASES RT INFORMATION RETRIEVAL ON-LINE SYSTEMS

OPEN PROJECT
UF ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD RT EARTH ATMOSPHERE MAGNETOSPHERE PLASMA DIAGNOSTICS PLASMA PHYSICS PLASMA SPHERE SATELLITE-BORNE INSTRUMENTS SPACE PLASMAS

OPTICAL BISTABILITY
GS ELECTROMAGNETIC PROPERTIES . OPTICAL PROPERTIES RT OPTICAL BISTABILITY RT HYSTERESIS INTEGRATED OPTICS LIGHT TRANSMISSION MULTICOLOR OPTICS OPTICAL DATA STORAGE MATERIALS OPTICAL EQUIPMENT OPTICAL MEASURING INSTRUMENTS OPTICAL MEMORY (DATA STORAGE) OPTICAL WAVENET Switching Circuits

OPTICAL COMPUTERS
GS DATA PROCESSING EQUIPMENT . COMPUTERS . OPTICAL COMPUTERS RT COHERENT LIGHT COMPUTER DESIGN ELECTRO-OPTICS OPTICAL EQUIPMENT OPTICAL MEMORY (DATA STORAGE)

• OPTICAL DISKS
GS PERIPHERAL EQUIPMENT (COMPUTERS) . COMPUTER STORAGE DEVICES . OPTICAL DISKS RT DATA STORAGE LASER APPLICATIONS OPTICAL DATA PROCESSING OPTICAL EQUIPMENT OPTICAL MEMORY (DATA STORAGE) VIDEO DISKS

• ORATORY
USE PUBLIC SPEAKING

ORBITAL MANEUVERING VEHICLES
RT ORBIT TRANSFER VEHICLES ORBITAL SERVICING POWER MODULES (STS) REMOTELY PILOTED VEHICLES = SPACECRAFT

ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD
USE OPEN PROJECT

OSCILLATOR STRENGTHS
RT ABSORPTION SPECTRA ABSORPTION ELECTRON OSCILLATIONS ELECTRON TRANSITIONS LINE SPECTRA

POWER FACTOR CONTROLLERS
OSCILLATOR STRENGTHS-(CONT.)
MOLECULAR OSCILLATIONS MOLECULAR OSCILLATORS OSCILLATORS SPECTRAL LINE WIDTH

PARTICLE LADEN JETS
RT FUEL FLOW JET FLOW PARTICLES TURBULENT FLOW

PAYLOAD TRANSFER
RT ORBITAL SERVICING PAYLOAD RETRIEVAL (STS) SPACE MAINTENANCE

PBB USE POLYBROMINATED BIPHENYLS

PERSONAL COMPUTERS
GS DATA PROCESSING EQUIPMENT . COMPUTERS . DIGITAL COMPUTERS . MINICOMPUTERS . . . PERSONAL COMPUTERS RT COMPUTER TECHNIQUES

PHOTOCLINTOMETRY
USE PHOTOGRAPHY

PIONEER 12 SPACE PROBE
USE PIONEER VENUS SPACECRAFT

PLASMA ANTENNAS
GS ANTENNAS . PLASMA ANTENNAS RT ANTENNA DESIGN ANTENNA RADIATION PATTERNS PLASMA CYLINDERS SPACECRAFT COMMUNICATION

PLASMA BUBBLES
RT F REGION PLASMA DENSITY

POLAR CUSPS
RT AERONOMY GEOMAGNETIC LATITUDE GEOMAGNETIC TAIL GEOMAGNETISM GEOPHYSICS INTERPLANETARY SPACE LINES OF FORCE MAGNETIC FIELD CONFIGURATIONS MAGNETIC FIELDS MAGNETOPAUSE MAGNETOSPHERE PLANETARY MAGNETIC FIELDS POLAR REGIONS SPACE PLASMAS

POLARITONS
GS POLARITONS . PLASMONS

POLYBROMINATED BIPHENYLS
UF PBB GS TOXINS AND ANTITOXINS . POLYBROMINATED BIPHENYLS RT FLAME RETARDANTS POLYCHLORINATED BIPHENYLS

POWER FACTOR CONTROLLERS
GS CONTROLLERS . POWER FACTOR CONTROLLERS RT CURRENT REGULATORS ELECTRIC MOTORS ENERGY CONSERVATION ENERGY CONVERSION EFFICIENCY INDUCTION MOTORS POWER EFFICIENCY VOLTAGE REGULATORS

• New Term
NASA THESAURUS SUPPLEMENT (PART 1)

ULTRALIGHT AIRCRAFT
RT AIRCRAFT
- HANG GLIDERS
- LIGHT AIRCRAFT
- WINGED VEHICLES

UNIFIED FIELD THEORY
GS FIELD THEORY (PHYSICS)
RT EINSTEIN EQUATIONS
- UNIFIED FIELD THEORY
- GRAVITATION THEORY
- GRAVITATIONAL FIELDS
- PARTICLE THEORY
- PLASMA PHYSICS
- RELATIVITY
- THEORETICAL PHYSICS

UNITED STATES-(CONT.)
- SOUTHERN CALIFORNIA
- VIRGIN ISLANDS

US-2A AIRCRAFT
USE 5-2 AIRCRAFT

VEGETATIVE INDEX
RT AGRISTARS PROJECT
- ATMOSPHERIC ATTENUATION
- ATMOSPHERIC EFFECTS
- ATMOSPHERIC OPTICS
- ATMOSPHERIC SCATTERING
- CANOPIES (VEGETATION)
- COLOR
- CORRECTION
- CROP IDENTIFICATION
- CROP INVENTORIES
- IMAGE ENHANCEMENT
- IMAGE ENHANCEMENT TECHNIQUES
- MULTISPECTRAL BAND SCANNERS
- RADIOMETRIC CORRECTION
- REFLECTANCE
- REMOTE SENSING
- SATELLITE IMAGERY
- SATELLITE OBSERVATION
- SPECTRAL REFLECTANCE
- VEGETATION GROWTH

VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT
USE VATOL AIRCRAFT

VERY LARGE SCALE INTEGRATION
USE VLSI

VIRTUAL MEMORY SYSTEMS
RT COMPUTER SYSTEMS DESIGN
- DATA MANAGEMENT
- DATA STORAGE
- MAGNETIC STORAGE

WASTE HEAT-(CONT.)
- HEAT PUMPS
- WASTE ENERGY UTILIZATION

WESTERN HEMISPHERE
RT EARTH (PLANET)
- EASTERN HEMISPHERE
- GEOGRAPHY

WOLFRAM
USE TUNGSTEN

X

X RAY TIMING EXPLORER
GS SATELLITES
- ARTIFICIAL SATELLITES
- EXPLORER SATELLITES
- X RAY TIMING EXPLORER

XENON CHLORIDE LASERS
GS STIMULATED EMISSION DEVICES
- LASERS
- GAS LASERS
- XENON CHLORIDE LASERS
- RARE GAS-HALIDE LASERS
- XENON CHLORIDE LASERS

RT ELECTRON TRANSITIONS
- EXCIMER LASERS
- LASER MATERIALS
- LASER OUTPUTS
- ULTRAVIOLET LASERS

VIDEO SIGNALS
RT SIGNAL PROCESSING
- SIGNAL TRANSMISSION
- SIGNALS
- VIDEO COMMUNICATION
- VIDEO DATA

VORTEX PRECESSION
RT FLOW VELOCITY
- FLOWMETERS
- PRECESSION
- VELOCITY MEASUREMENT
- VORTICES

WASTE HEAT
RT ENERGY TECHNOLOGY
- HEAT EXCHANGERS
NASA THESAURUS SUPPLEMENT

PART 2
ACCESS VOCABULARY

A

A-310 AIRCRAFT
A-320 AIRCRAFT
Access, Demand Assignment Multiple
USE DEMAND ASSIGNMENT MULTIPLE ACCESS
ACCOUNTING
ACCRETION DISKS
Accuracy, Geodetic
USE GEODETIC ACCURACY
Accuracy, Geometric
USE GEOMETRIC ACCURACY
ACEE PROGRAM
Activity, Stellar
USE STELLAR ACTIVITY
ADA (PROGRAMMING LANGUAGE)
Adenosine Monophosphate, Cyclic
USE CYCLIC AMP
AEROASSIST
AEROBRAKING
AEROCAPTURE
Aerodynamic And Struct Test, Drones For
USE OAST PROGRAM
Aerodynamics, Interactive
USE INTERACTIONAL AERODYNAMICS
AEROELASTIC RESEARCH WINGS
AEROMAGNETISM
AEROMANEUVERING
AGROPHYSICAL UNITS
Aided Design, Computer
USE COMPUTER AIDED DESIGN
Aided Manufacturing, Computer
USE COMPUTER AIDED MANUFACTURING
Aided Mapping, Computer
USE COMPUTER AIDED MAPPING
Air Pollution, Indoor
USE INDOOR AIR POLLUTION
AIR START
Aircraft, A-310
USE A-310 AIRCRAFT
Aircraft, A-320
USE A-320 AIRCRAFT
Aircraft, Electric
USE FLY BY WIRE CONTROL
Aircraft Energy Efficiency Program
USE ACEE PROGRAM
Aircraft, Highly Maneuverable
USE HIGHLY MANEUVERABLE AIRCRAFT
AIRCRAFT POWER SUPPLIES
Aircraft, Ultralight
USE ULTRALIGHT AIRCRAFT
Aircraft, US-2A
USE 5-2 AIRCRAFT
Aircraft, Vertical Attitude Takeoff-Landing
USE VATOL AIRCRAFT
Airfoils, Supercritical
USE SUPERCRITICAL AIRFOILS
ALBERTA
Alcock Comet, Iras-Araki-
USE IRAS-ARAKI-ALCOCK COMET
ALLENDE METEORITE
Amp, Cyclic
USE CYCLIC AMP
Analysis, Cluster
USE CLUSTER ANALYSIS
Analysis, Data Flow
USE DATA FLOW ANALYSIS
Analysis, Gas Path
USE GAS PATH ANALYSIS
Analysis, Image
USE IMAGE ANALYSIS
Analysis, Principal Components
USE PRINCIPAL COMPONENTS ANALYSIS
Analysis, Thermal
USE THERMAL ANALYSIS
ANK SATELLITES
Anode Microchannel Arrays, Multi-
USE MULTI-ANODE MICROCHANNEL ARRAYS
Anodes, Shell
USE SHELL ANODES
Anomalies, Geothermal
USE GEOTHERMAL ANOMALIES
Antennas, Multibeam
USE MULTIBEAM ANTENNAS
Antennas, Plasma
USE PLASMA ANTENNAS
Antitatic Devices
USE STATIC DISCHARGERS
APL (PROGRAMMING LANGUAGE)
Applications, Microgravity
USE MICROGRAVITY APPLICATIONS
ARABSAT
Araki-Alcock Comet, Iras-
USE IRAS-ARAKI-ALCOCK COMET
ARC CLOUDS
ARIES SOUNDING ROCKET
Arrays, Multi-Anode Microchannel
USE MULTI-ANODE MICROCHANNEL ARRAYS
Arrest, Crack
USE CRACK ARREST
Assignment Multiple Access, Demand
USE DEMAND ASSIGNMENT MULTIPLE ACCESS
ASTRONOMICAL SATELLITES
(Astronomy), Local Group
USE LOCAL GROUP (ASTRONOMY)
ASYMPTOTIC PROPERTIES
Atmosphere, Lunar
USE LUNAR ATMOSPHERE
Atmosphere, Neutral
USE NEUTRAL ATMOSPHERES
ATMOSPHERIC CORRECTION
Atmospheric Load
USE POLLUTION TRANSPORT
Attitude Takeoff-Landing Aircraft, Vertical
USE VATOL AIRCRAFT
Attractors, Strange
USE STRANGE ATTRACTORS
AUDIO DATA
AUDIO SIGNALS
AUTOMATED TRANSIT VEHICLES
AUTUMN
AWARDS
B

B, Gravity Probe
USE GRAVITY PROBE B
B Satellite, MagSat
USE MAGSAT B SATELLITE
Backscatter UV Spectrometer, Solar
USE SOLAR BACKSCATTER UV SPECTROMETER
BACKWARD DIFFERENCING
BACKWARD FACING STEPS
BAHAMAS
BALLOONING MODES
BAND RATIONING
BANDSTOP FILTERS
BARYON RESONANCE
Bases, Numerical Data
USE NUMERICAL DATA BASES
Bearing, Magnetic
USE MAGNETIC BEARINGS

Benard Convection, Rayleigh-Benard
USE RAYLEIGH-BENARD CONVECTION

BIENN

Beta Interactions
USE WEAK INTERACTIONS (FIELD THEORY)

BIOFEEDBACK
(Biology), Desynchronization
USE SYNCHRONIZATION (BIOLOGY)

BIOT NUMBER

Biphenyls, Polybrominated
USE POLYBROMINATED BIPHENYLS

Bistability, Optical
USE OPTICAL BISTABILITY

BIT ERROR RATE

Body Interactions, Rotor
USE ROTOR BODY INTERACTIONS

Braking, Aero
USE AEROBRAKING

BRASILIAN SPACE PROGRAM

BRITISH COLUMBIA

Bruceton Test
USE STATISTICAL TESTS

Brunswick, New
USE NEW BRUNSWICK

BRUNT-VAISALA FREQUENCY

Bubbles, Plasma
USE PLASMA BUBBLES

BURN-IN

Burning, Hole
USE HOLE BURNING

Business Management
USE INDUSTRIAL MANAGEMENT

C

CAD (Design)
USE COMPUTER AIDED DESIGN

CAM (Manufacturing)
USE COMPUTER AIDED MANUFACTURING

Cambodia
USE KAMPUCHEA

CANADIAN SPACECRAFT

CARIBBEAN REGION

Carrier, European Retrievable
USE EURECA (ESA)

Carrington Rotation
USE SOLAR ROTATION

Casting, Sand
USE SAND CASTING

CATACLYSMIC VARIABLES

CAVITONS

CDC CYBER 205 COMPUTER

Center (NASA), Space Operations
USE SPACE OPERATIONS CENTER (NASA)

CERAMIC MATRIX COMPOSITES

CHANGE DETECTION

Characteristics, Static
USE STATIC CHARACTERISTICS

Chemistry, Computational
USE COMPUTATIONAL CHEMISTRY

Chloride Lasers, Xenon
USE XENON CHLORIDE LASERS

Chromatography, Gel Permeation
USE LIQUID CHROMATOGRAPHY

Circuit Currents, Short
USE SHORT CIRCUIT CURRENTS

CIRCULAR WAVEGUIDES

CIRCULATION DISTRIBUTION

City (NY), New York
USE NEW YORK CITY (NY)

Clouds, Arc
USE ARC CLOUDS

Clouds, Ophiuchus
USE OPHIUCHI CLOUDS

CLUSTER ANALYSIS

Coatings, Solar Selective
USE SELECTIVE SURFACES

Coefficient, Drag
USE DRAG COEFFICIENTS

Color, Stellar
USE STELLAR COLOR

Columbia, British
USE BRITISH COLUMBIA

Comet, Enke
USE ENKE COMET

Comet, Ira-Araki-Alcock
USE IRA-ARAKI-ALCOCK COMET

COMMAND LANGUAGES

COMMERCIAL SPACECRAFT

Commercialization, Space
USE SPACE COMMERCIALIZATION

COMMONALITY

Communication, Ship To Shore
USE SHIP TO SHORE COMMUNICATION

Communication Systems, Mobile
USE MOBILE COMMUNICATION SYSTEMS

Components Analysis, Principal
USE PRINCIPAL COMPONENTS ANALYSIS

Composites, Ceramic Matrix
USE CERAMIC MATRIX COMPOSITES

Composition, Stellar
USE STELLAR COMPOSITION

COMPULSATORS

COMPUTATIONAL CHEMISTRY

COMPUTATIONAL GRIDS

COMPUTER AIDED DESIGN

COMPUTER AIDED MANUFACTURING

COMPUTER AIDED MAPPING

Computer, CDC Cyber 205
USE CDC CYBER 205 COMPUTER

Computer Systems, Embedded
USE EMBEDDED COMPUTER SYSTEMS

Computerized Design
USE COMPUTER AIDED DESIGN

Computers, Cray
USE CRAY COMPUTERS

Computers, Micro
USE MICROCOMPUTERS

Computers, Nova
USE NOVA COMPUTERS

Computers, Optical
USE OPTICAL COMPUTERS

Computers, Personal
USE PERSONAL COMPUTERS

Computers, Protocol
USE PROTOCOL (COMPUTERS)

CONCURRENT PROCESSING

CONDENSATION NUCLEI

CONDENSERS (LIQUEFIERS)

CONJUGATE GRADIENT METHOD

Continental Margins
USE CONTINENTAL SHELVES

CONTINUM MODELING

Controlled Oscillators, Voltage
USE VOLTAGE CONTROLLED OSCILLATORS

CONTROLLED SYSTEMS DESIGN

Controllers, Power Factor
USE POWER FACTOR CONTROLLERS

Conviction, Marangoni
USE MARANGONI CONVECTION

Conviction, Rayleigh-Benard
USE RAYLEIGH-BENARD CONVECTION

Cooled Loss
USE LOSS OF COOLANT

Coolant, Loss Of
USE LOSS OF COOLANT

Coordinates, Cylindrical
USE CARTESIAN COORDINATES

Cores, Stellar
USE STELLAR CORES

COROTATION

Correction, Atmospheric
USE ATMOSPHERIC CORRECTION

Cosmic Rays, Galactic
USE GALACTIC COSMIC RAYS

COSMOS 954 SATELLITE

COSPAS

Couplers, Directional
USE DIRECTIONAL COUPLERS

Coupling, Mode
USE COUPLED MODES

CRACK ARREST

CRACK TIPS

CRANK-NICHOLSON METHOD
Cranked Wings
USE SWEEP WINGS

CRAY COMPUTERS

Currents, Short Circuit
USE SHORT CIRCUIT CURRENTS

Cusps, Polar
USE POLARcusps

Cyber 205 Computer, CDC
USE CDC CYBER 205 COMPUTER

Cycle Engines, Topping
USE TOPPING CYCLE ENGINES

Cyclic Adenosine Monophosphate
USE CYCLIC AMP

Cylindrical Coordinates
USE CARTESIAN COORDINATES

Cyanide
USE CYANIDE

D

Dahomey
USE BENIN

DAMA
USE DEMAND ASSIGNMENT MULTIPLE ACCESS

DAST PROGRAM

Data, Audio
USE AUDIO DATA

Data Bases, Numerical
USE NUMERICAL DATA BASES

DATA FLOW ANALYSIS

DATA INTEGRATION

(Data Processing), Frames
USE FRAMES (DATA PROCESSING)

DATA SIMULATION

DATA STRUCTURES

Defense Meteorological Satellite Program
USE DMSP SATELLITES

DEM AND ASSIGNMENT MULTIPLE ACCESS

Depth, Mixing
USE MIXING HEIGHT

Derived Vehicles, Shuttle
USE SHUTTLE DERIVED VEHICLES

DESERTIFICATION

(Design), CAD
USE COMPUTER AIDED DESIGN

Design, Computer Aided
USE COMPUTER AIDED DESIGN

Design, Controlled Systems
USE CONTROLLED SYSTEMS DESIGN

Design, Experiment
USE EXPERIMENT DESIGN

DESYNCHRONIZATION (BIOLOGY)

Detection, Change
USE CHANGE DETECTION

Devices, Antistatic
USE STATIC DISCHARGERS

Diagram, HR
USE HERTZSPRUNG-RUSSELL DIAGRAM

Didymium

Differencing, Backward
USE BACKWARD DIFFERENCING

DIFFERENTIAL ANALYZERS

Dike (Geology)
USE ROCK INTRUSIONS

DINING PHILOSOPHERS PROBLEM

DIRECTION FINDING

DIRECTIONAL COUPLERS

DIRECTORIES

Disk, Accretion
USE ACCRETION DISKS

Disk, Optical
USE OPTICAL DISKS

Disposal (In Space), Hazardous Material
USE HAZARDOUS MATERIAL DISPOSAL (IN SPACE)

DISTRIBUTED PROCESSING

Distribution, Circulation
USE CIRCULATION DISTRIBUTION

DMSP SATELLITES

Doppler Positioning, Satellite
USE SATELLITE DOPPLER POSITIONING

Double Stars
USE BINARY STARS

DRAG COEFFICIENTS

DREDGING

Drones For Aerodynamic And Struct Test
USE DAST PROGRAM

DWARF GALAXIES

Dwarf Stars, Red
USE RED DWARF STARS

E

E, NOAA
USE NOAA 8 SATELLITE

Earth Neighborhood, Origin Of Plasmas In
USE OPEN PROJECT

EARTHNET

EASTERN HEMISPHERE

Edward Island, Prince
USE PRINCE EDWARD ISLAND

Efficiency Program, Aircraft Energy
USE ACEE PROGRAM

Efficiency Transport Program, Energy
USE ACEE PROGRAM

Einstein Observatory
USE HEAO 2

Electric Aircraft
USE FLY BY WIRE CONTROL

ELECTRIC FURNACES

Electric Power Plants, Solar Thermal
USE SOLAR THERMAL ELECTRIC POWER PLANTS

ELECTROCHROMISM

ELECTRODE MATERIALS

Electronics, Quantum
USE QUANTUM ELECTRONICS

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Transferred to INTELSAT SATELLITES

INTELSAT 4 SATELLITE
Transferred to INTELSAT SATELLITES

INTELSAT 5 SATELLITE
Transferred to INTELSAT SATELLITES

INTELSAT 5B SATELLITE
Transferred to INTELSAT SATELLITES

INTELSAT 5C SATELLITE
Transferred to INTELSAT SATELLITES

INTELSAT 5F SATELLITE
Transferred to INTELSAT SATELLITES

INTELSAT 5G SATELLITE
Transferred to INTELSAT SATELLITES

K-MESONS
Transferred to K-MESONS

LANDSAT D
Transferred to LANDSAT 4

LARGE SPACE TELESCOPE
Transferred to HUBBLE SPACE TELESCOPE

LOW INTENSITY X-RAY IMAGING SCOPE
Transferred to LOW INTENSITY X-RAY IMAGING SCOPE

LOWER BODY NEGATIVE PRESSURE (LBNP)
Use ACCELERATION STRESSES (PHYSIOLOGY)
Deleted

LUNAR ATMOSPHERES
Transferred to LUNAR ATMOSPHERE

MESON RESONANCES
Transferred to MESON RESONANCE

MUCOUS
Transferred to MUCOUS

NORTH VIETNAM
Transferred to VIETNAM

OKHOTSK SEA
Transferred to SEA OF OKHOTSK

PHASED LOCKED SYSTEMS
Transferred to PHASE LOCKED SYSTEMS

RADIATION MEDICINE
Transferred to NUCLEAR MEDICINE

RCA SATCOM C
Transferred to RCA SATCOM SATELLITES

RCA SATCOM 1
Transferred to RCA SATCOM SATELLITES

RCA SATCOM 2
Transferred to RCA SATCOM SATELLITES

ROMANIA
Use RUMANIA
Deleted

RUMANIA
Transferred to ROMANIA

SEASAT-A SATELLITE
Transferred to SEASAT 1

THRUSTORS
Use ROCKET ENGINES
Deleted, term now postable

TIROS N SATELLITES
Transferred to TIROS N SERIES SATELLITES

TRANSIT 1A SATELLITE
Transferred to TRANSIT SATELLITES

TRANSIT 1B SATELLITE
Transferred to TRANSIT SATELLITES

TRANSIT 2A SATELLITE
Transferred to TRANSIT SATELLITES

TRANSIT 3B SATELLITE
Transferred to TRANSIT SATELLITES

TRANSIT 4A SATELLITE
Transferred to TRANSIT SATELLITES

TRANSIT 4B SATELLITE
Transferred to TRANSIT SATELLITES

TRANSIT 5A SATELLITE
Transferred to TRANSIT SATELLITES

UNITED STATES OF AMERICA
Transferred to UNITED STATES

VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT
Use VATOL AIRCRAFT
Changed to
VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT
Use VATOL AIRCRAFT
The three part cumulative NASA Thesaurus Supplement to the 1982 edition of the NASA Thesaurus includes Part 1, Hierarchical Listing, Part 2, Access Vocabulary, and Part 3, Deletions. The semiannual supplement gives complete hierarchies for new terms and includes new term indications for terms new to this supplement.